CLAIMS

What Is Claimed:

Claim 1. A laminate useful in the manufacture of packages for containers for food products comprising

a paperboard substrate,

a food contact release layer comprising a blend of polymethylpentene and polypropylene bonded to one side of said substrate,

the laminate being ovenable.

Claim 2. The laminate of Claim 1 wherein said food contact release layer comprises a blend of between about 25% and about 75%, by weight, of the blend.

Claim 3. The laminate of Claim 1 wherein said food contact release layer exhibits a surface tension of between about 24 and about 29 dynes/cm.

Claim 4. The laminate of Claim 1 wherein said food contact release layer is of a thickness of between about 3 and about 10 lbs/3000 ft^2.

Claim 5. The laminate of Claim 1 wherein said paperboard is of a basis weight of between about 18 and 320 lbs/3000 ft^2.

Claim 6. The laminate of Claim 1 and including a tie layer interposed between said paperboard substrate and said food contact release layer.

Claim 7. The laminate of Claim 6 wherein said tie layer comprises low density polyethylene or linear low density polyethylene, modified by maleic anhydride, vinyl acetate, acrylic acid or methacrylic acid.

Claim 8. The laminate of Claim 6 wherein the coat weight of said tie layer is between about 1 and about 25 lbs/3000 ft^2.

Claim 9. The laminate of Claim 1 wherein said food contact release layer exhibits a surface tension of less than about 40% of the surface tension of water at 20° C.

Claim 10. The laminate of Claim 1 wherein said food contact release layer exhibits a surface tension of less than about 75% of the surface tension of starch whereby food products may be baked when disposed in a container formed from the laminate of Claim 1.

Claim 11. The laminate of Claim 1 and including a grease resistant layer and a tie layer, said tie layer being disposed between said food contact release layer and grease resistant layer.

Claim 12. The laminate of Claim 1 wherein said food contact release layer is extruded onto said paperboard substrate.

Claim 13. An ovenable, grease resistant laminate useful in the manufacture of packages or containers for food products comprising,

a substrate,

a grease resistant layer,

a tie layer,

a food contact layer,

said tie layer being disposed between said grease resistant layer and said food contact layer,

said grease resistant layer, said tie layer and said good contact layer being coextruded onto said substrate.

Claim 14. The laminate of Claim 13 wherein said grease resistant layer comprises nylon-6 or nylon6,6.

Claim 15. The laminate of Claim 14 wherein said substrate comprises a paperboard having a basis weight of between about 18 and about 320 lbs/3000 ft^2.

Claim 16. The laminate of Claim 15 wherein said food product layer release layer comprises a blend of between about 25% and about 75%, by weight, of the blend, of polymethyl pentene with the remainder being polypropylene.

Claim 17. The laminate of Claim 16 wherein said tie layer comprises low density polyethylene or linear low density polyethylene, modified with maleic anhydride, vinyl acetate, acrylic acid or methacrylic acid.

Claim 18. The laminate of Claim 13 wherein said laminate exhibits a surface tension of less than about 75% of the surface tension of starch at 20° C.

Claim 19. The laminate of Claim 13 wherein said laminate is formed into trays, bowls or plates.